

Product datasheet for **AP31438BT-N**

Monkey IgG (Fc specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Monkey IgG (Fc specific) Goat Polyclonal Antibody
Applications:	ELISA, ID, IF, IHC, IP, WB
Recommended Dilution:	This antibody can be used in Immunocytochemical and Immunohistochemical staining of IgG at the cellular and subcellular level of appropriately treated cell and tissue substrates. To demonstrate circulating IgG antibodies in serodiagnostic microbiology and autoimmune diseases, To identify a specific antigen using a reference antibody of monkey origin known to be of the IgG isotype in the middle layer of the indirect test procedure, in non-isotopic assay methodology (e.g. ELISA) to measure IgG in Monkey serum or other body fluids. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Working Dilutions Histochemical and Cytochemical Use: 1/100-1/500. ELISA and comparable non-precipitating antibody-binding assays: 1/5000-1/20000.
Reactivity:	Monkey
Host:	Goat
Immunogen:	Purified normal IgG isolated from pooled Rhesus Monkey serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Formulation:	PBS, pH 7.2 without preservatives it may interfere with the antibody activity. Label: Biotin State: Lyophilised hyperimmune IgG fraction Molar radio: ~5.8
Reconstitution Method:	Restore with 1 ml sterile distilled water
Concentration:	6.45 mg/ml
Purification:	DEAE-Column Chromatography
Conjugation:	Biotin



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Storage: Prior to reconstitution store at 2-8°C.
Following reconstitution store undiluted at 2-8°C for one week
or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.

Note: **Adsorption:** Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies cross-reacting with other components of the immunoglobulin system or reacting with other serum proteins. Special attention is given to the removal of antibodies to common Ig/Fab. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.